

# The Sensational Atlas-180

SOLID STATE SINGLE SIDEBAND TRANSCEIVER.

180 WATTS P.E.P. INPUT . . . 20, 40, 80 and 160 METER



Illustrated with optional plug-in Mobile Mount.

## THE IDEAL MOBILE RIG.

Only 3½ in. high, 9½ in. wide, 9½ in. deep . . . Operates directly from 12-14 volts DC . . . All Solid State Modular Construction, No transmitter tuning, Built-in speaker. All the necessary features, power, and performance for only . . . \$499



## AC CONSOLE

Illustrated with Atlas-180 plugged in. A handsome desk top station with front facing speaker and space for adding VOX and other accessories.

Model AR-117 for 117 volts, 50-60 cycles . . . \$129

• Deluxe plug-in Mobile Mount: \$44      Mars Crystal Oscillator, Model 10X: \$55

• Mobile Antenna Matching Transformer \$24

Other accessories to be announced.

AMERICAN MADE AND GUARANTEED BY



**ATLAS**  
RADIO INC.

490 Via Del Norte

Oceanside, California 92054

Phone (714) 433-1983

*Sold only by Atlas dealers. See him soon for complete details, or drop us a card and we'll be glad to mail you a brochure and dealer list.*

73 Herb Johnson W6QK1

# Introducing the 5 BAND ATLAS-210

**SOLID STATE SSB TRANSCEIVER**

**200 WATTS\* P.E.P. INPUT . . . 10,15,20,40, and 80 Meters**



**\$599**

**...And the companion model, Atlas-215, which covers  
15, 20, 40, 80, and 160 Meters.**

- ★ **Frequency Ranges, Atlas-210:** 3700-4050, 7000-7350, 14,000-14,350, 21,100-21,450, and 28,400-29,100 KHz. Model 215 deletes 28,400-29,100 band, and instead covers 1800-2000 KHz.
- ★ **Power Rating:** 200 watts P.E.P. Input and CW Input. \*On 10 meters the power rating is 120 watts.
- ★ **The same outstanding performance, reliability, and compact size as the Atlas-180 . . .** Only 3½ in. high, 9½ in. wide, 9½ in. overall depth, and only 7 lbs. total weight . . . Operates directly from 12-14 volts D.C. All solid state, modular construction . . . No transmitter tuning (special Braille dial available for blind operators at no extra cost).
- ★ **Plug-In Design,** for quick removal from mobile mounting, and insertion into AC Console as illustrated.

★ **Prices**

Model 210 or 215	\$599
AC Console, 117 volts 50-60 cycles	\$129
AC Console, 117-230 volts	\$139
Mobile Plug-in Kit	\$ 44
D.C. Battery Cable	\$ 12
Mobile Bracket Kit	\$ 6
Mobile Antenna Transformer	\$ 24



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# GIANT KILLER



## Atlas-210

5 BANDS 200 WATTS  
SOLID STATE \$599  
SSB TRANSCEIVER

**Don't let the small size fool you. The spectacular Atlas transceiver is truly a Giant Killer. Just 7 pounds of sheer dynamite, it occupies only 0.18 cubic feet. But this is only a small part of the story. There are many other reasons why you will want to own an Atlas Transceiver:**

**MOST ADVANCED STATE-OF-THE ART CIRCUIT DESIGN, INTRODUCES A NEW ERA IN PERFORMANCE SPECS.** We ask you to mark these words. They are not merely an advertising statement.

**RELIABILITY.** Total value engineering, craftsmanship and quality control give you unsurpassed reliability. With over 1000 Model 180's now on the air, we at Atlas are proud of their most exceptional reputation for performance, reliability, and owner satisfaction. It is safe to say that practically every owner has a love affair going with his Atlas radio. You too can have such an affair.

**RECEIVER SENSITIVITY AND RESISTANCE TO OVERLOAD AND CROSSMODULATION, SECOND TO NONE.** (Better than anything else we have seen or any other claimed.)

**SELECTIVITY:** A breakthrough in filter design by Network Sciences. Designed specially for Atlas, this filter provides unprecedented selectivity. Only 9200 cycles wide at 120 db down when installed and measured in the Atlas transceiver! Ask any other brand for specs at this level! And to top this off, the front end design of the Atlas makes it possible to utilize this fantastic degree of selectivity!

**TRANSMITTER TALK POWER:** 200 watts of linear solid state power input, with clear, crisp audio.

**NO TRANSMITTER TUNING:** Simply connect to a 52 ohm load and you're on the air. Infinite SWR protected.

**IDEAL MOBILE SIZE:** One-third the size of any other 5 band HF transceiver. Only 3 1/2 in. high, 9 1/2 in. wide, 9 1/2 in. deep.

**PLUG-IN DESIGN** provides quick removal from mobile mount. Plugs into AC console, as illustrated, giving you a handsome desktop station.

**MODULAR DESIGN** with plug-in R.F., I.F., and A.T. circuit boards permits easy servicing.

**Model 210 covers** 3700-4050; 7000-7350; 14,000-14,350; 21,100-21,450; 28,400-29,100 KHz.

**Model 215 covers** 1800-2000; 3700-4050; 7000-7350; 14,000-14,350; 21,000-21,450 KHz.

The new 210 and 215 are identical to the former Model 180 except for band coverage.

**SPECIAL MARS MODELS, 210M/215M** permit out of band operation when used with Model 10X external crystal oscillator accessory.

**NOISE BLANKER,** optional plug-in. Also VOX, and other accessories.

**CUSTOMER SERVICE,** second to none. Your satisfaction is guaranteed.

**ALL THIS,** and priced lower than any other 5 band solid state or hybrid transceiver.



Atlas 210/215 .....	\$599
AR 117 AC Console .....	\$129
AR 200 Portable AC Supply .....	\$ 89
Plug-in Mobile Mount .....	\$ 44

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73 Herb Johnson W8QKI

# ATLAS 210

**for 10, 15, 20, 40 and 80 METERS AND THE COMPANION  
MODEL 215 FOR 15 through 160 METERS.**



Measuring only 0.18 cu. ft. and weighing less than 7 pounds, the Atlas 210/215 Solid State Single Sideband Transceiver is a real GIANT KILLER. It packs a hefty 200 watts P.E.P., offers 5 band coverage, and unprecedented selectivity (only 9200 cycles at 120 db down).

Priced at just \$599, it's the best transceiver value on the market today.

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Oceanside, California 92054

**THE ATLAS 210 AND 215  
SOLID STATE SSB TRANSCEIVERS**



# Plug-In-and-Go-Power!

This may sound like just another catchy headline, but this is the best, and quickest way we can think of to describe the Atlas transceiver.

## Plug-In

For mobile operation all you have to do is make a one time installation of the Plug-in Mobile Mount, and thereafter, when you want to operate mobile, just slide your Atlas transceiver into the mount. All connections are made automatically, as shown below. It takes only seconds, and you are ready to operate. Fixed station operation is achieved in the same easy manner, since the Atlas AC Console has the same plug-in system as the mobile mount.

## Go-Power!

### No Transmitter Tuning!

This is another outstanding feature of the Atlas transceiver. There is no transmitter tuning what-

soever. This permits instant QSY or band-switching. Simply tune in to your frequency and GO!

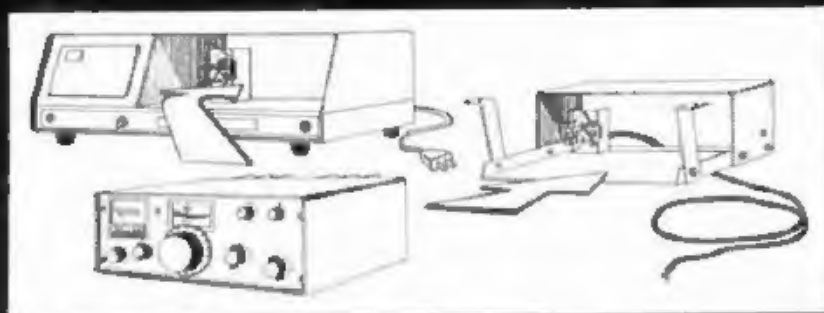
No other rig on the market will provide you with so much operating pleasure.

When you combine the simplicity of operation with unparalleled selectivity, immunity to cross modulation or overload, solid state reliability, 200 watts P.E.P. input power and 5 band coverage...the Atlas 210/215 has everything you could want in a transceiver.

Model 210 covers 80 through 10 meters.  
Model 215 covers 160 through 15 meters.

**Plug-in and GO!**

**\$599**



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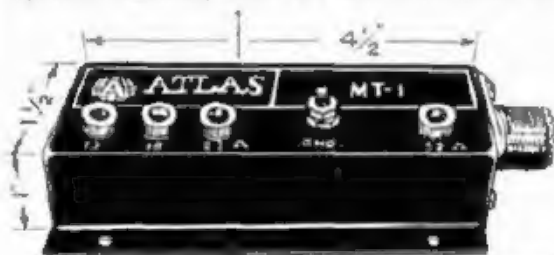
Available NOW at your Atlas dealers. See him for complete details, or drop us a card and we'll mail you a brochure and dealer list.



## THE ATLAS MT-1

matching transformer is designed to provide a better impedance match between the mobile antenna and 52 ohm coax feedline. It has been tested with practically all of the mobile antennas currently on the market. These tests have proven that in almost all installations the base impedance at resonance will be somewhere around 18 to 23 ohms and will not operate efficiently with the new solid state trans-

ceivers unless an impedance matching system is used. The MT-1 is specially designed for these transceivers including, of course, the Atlas solid state transceivers. However even with tube type rigs that have an output matching network, the improved match at the base of the antenna will provide a substantial improvement in antenna efficiency. The MT-1 installs near the base of the antenna, within 18 inches or less. With bumper mounted antennas the transformer may be installed inside the trunk and connected to the antenna base by a section of shielded cable, supplied with the MT-1. Or, in the case of deck mounted antennas, the transformer may be installed under the deck near the antenna mount.



# BOOST YOUR MOBILE SIGNAL WITH THE ATLAS MOBILE ANTENNA MATCHING TRANSFORMER

- Broad Band Design, 1.8-30 MHz
- 500 Watt Power Rating
- Choice of 4 Impedance Taps for closely matching the base impedance to 52 ohms.
- For use with solid state or tube type transceivers.

- Weather sealed in a black anodized case.
- Requires PL-259 coax plug and RG58 or RG8 coaxial cable to transceiver.
- Supplied with mounting hardware.

**\$24**

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# ATLAS 210

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# How to make a good transceiver better...



## Increase the frequency coverage

*Introducing the new*

### **ATLAS 210X** (and Atlas 215X)

Even though the Atlas 210 and 215 have been the hottest selling solid state SSB transceivers on the market, we never stop looking for ways to improve our products.

The new Atlas 210X/215X have the same compact size (9½" x 3½" x 9½") and light weight (7 lbs.), with the same 200 watt power rating, and same super selectivity. But several improved features have been engineered into the new 210X/215X.

- Full band coverage of 160 through 15 meters
- 1000 kHz coverage on 10 meters.
- Extended coverage for MARS operation when used with the Model 10X crystal oscillator. Special MARS model no longer required.
- Improved Automatic Gain Control (AGC).
- Improved S-meter calibration.
- Improved image suppression.
- Plus all the performance, reliability and

versatility that have made Atlas transceivers the talk of the ham bands.



**\$649**

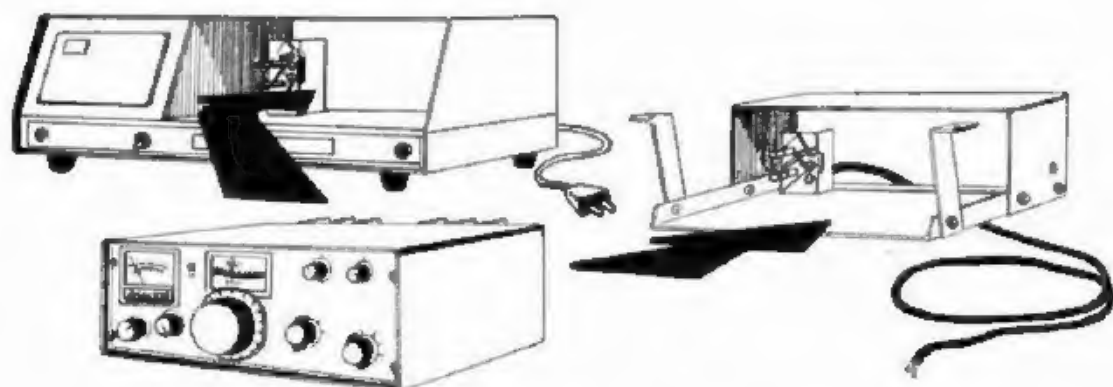
For complete information on the new 210X/215X and accessories, see your Atlas dealer, or drop us a card and we'll mail you a brochure and dealer list.

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# *"QRX OM . . . Changing QTH . . .*



*. . . from ham shack to mobile.  
Will be back on in a minute."*

This is one of the great features of the Atlas 210x/215x, the most versatile transceivers. It takes only seconds to slip the 7 pound midget out of the AC console, plug it into the mobile mount, and you're right back in the QSO.

It's only a midget in size, but in performance the rig is a real giant. With a solid 200 watts P.E.P. input you can easily work anyone you

can hear, and the receiver offers you the ultimate in sensitivity, selectivity, and immunity to overload.

You have full coverage of all bands (except 10 meters, where coverage is 28.4 to 29.4 MHz). The Model 210x covers 10, 15, 20, 40, and 80 meters. The 215x covers 15, 20, 40, 80, and 160 meters.

**MODEL 210x  
or 215x . . . . . \$649**  
**MODEL 220-CS  
AC CONSOLE . . . . . \$139**  
**MODEL 200-PS  
PORTABLE AC  
SUPPLY . . . . . \$ 95**  
**PLUG-IN  
MOBILE MOUNT . . . \$ 44**



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**"SEE YOU AT SAROC '76!"**

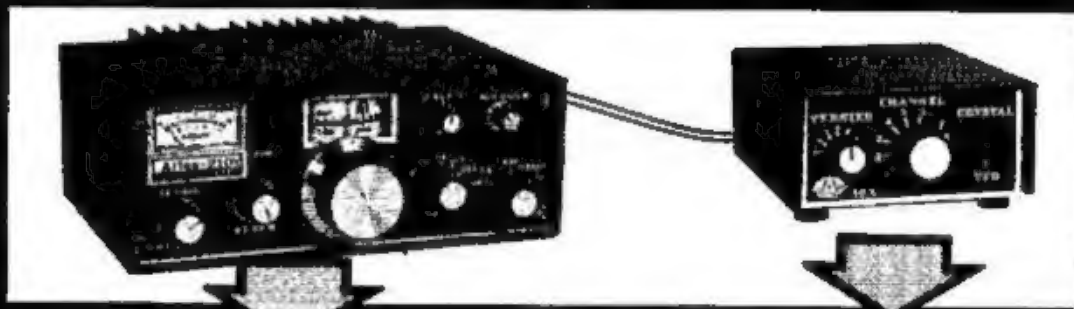
# The most versatile transceivers...

- Solid state SSB/CW
- 200 watts P.E.P. input
- No transmitter tuning
- The ultimate in sensitivity selectivity and overload immunity



## ATLAS 210x/215x

PLUS EXTENDED FREQUENCY COVERAGE FOR MARS OPERATION WHEN USED WITH 10X CRYSTAL OSCILLATOR



BAND	VFO RANGE	CRYSTAL CONTROLLED RANGE
160M Model 215x only	1,800-2,100 KHz	1,700-3,000 KHz
80M	3,500-4,000	3,000-5,200
40M	7,000-7,500	5,800-10,000
20M	14,000-14,500	13,900-14,900
15M	21,000-21,500	20,600-21,600
10M Model 210x only	28,400-29,400 Adjustable for any 1,000 KHz segment	27,500-30,000

210x/215x ..... \$649.  
AC Console 110/220V ..... \$139.  
Portable AC Supply, 110/22V ..... \$95.

Plug-in Mobile Kit ..... \$44.  
10x Osc. Less Crystals ..... \$55.



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